

Catalog #: 5030

Aliases

PUS7; Pseudouridine Synthase 7; Pseudouridylate Synthase 7 (Putative); Pseudouridylate Synthase 7 Homolog; FLJ20485; Pseudouridylate Synthase 7 Homolog (S. Cerevisiae); Pseudouridylate Synthase 7; EC 5.4.99.-; KIAA1897; IDDABS

Background

Gene Name: PUS7

NCBI Gene Entry: [54517](#)

UniProt Entry: [Q96PZ0](#)

Application Information

Molecular Weight: Predicted, 75 kDa; observed, 75 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB13935

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

Recombinant protein of human PUS7

Isotype

Mouse IgG1

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Immunocytochemistry (IC): 1:100-1:1,000

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

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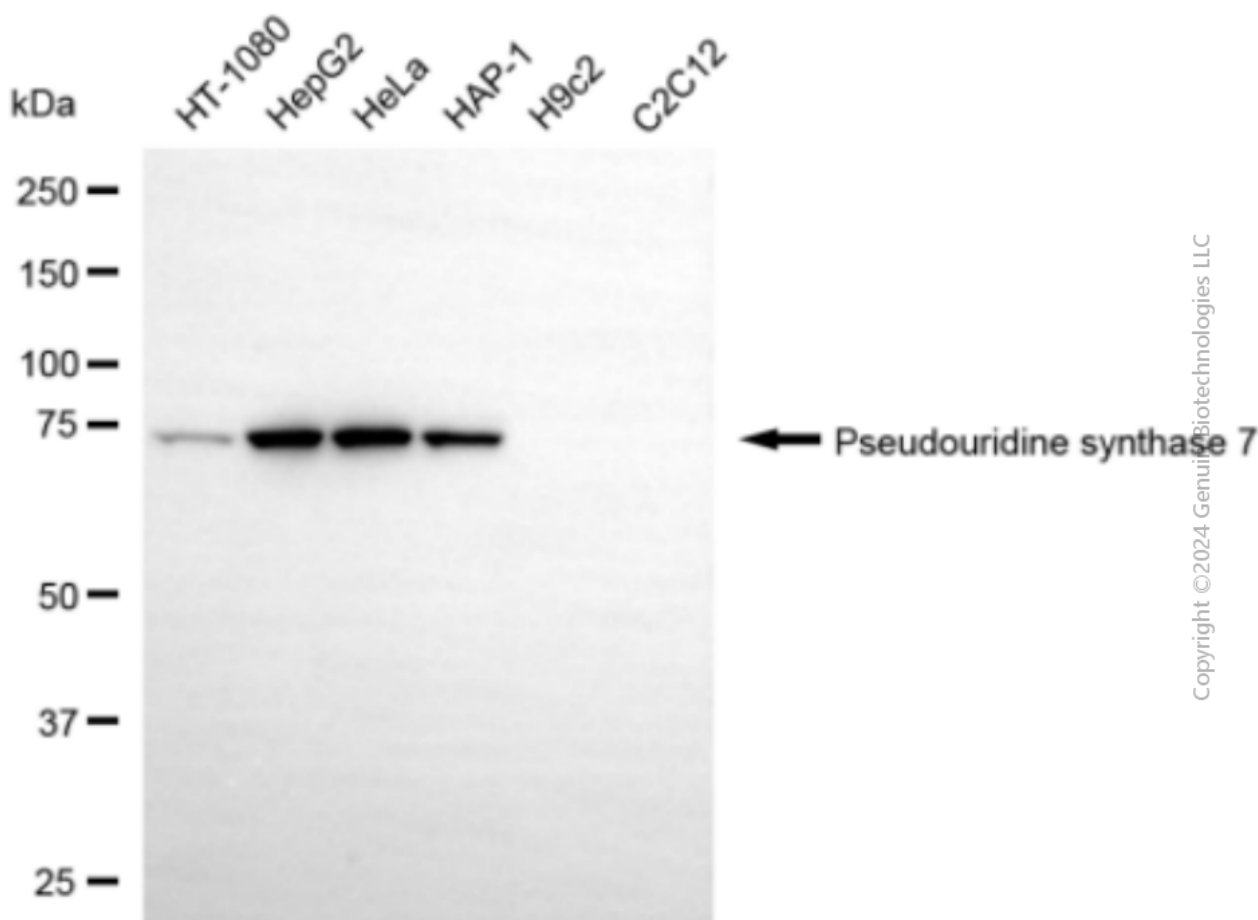
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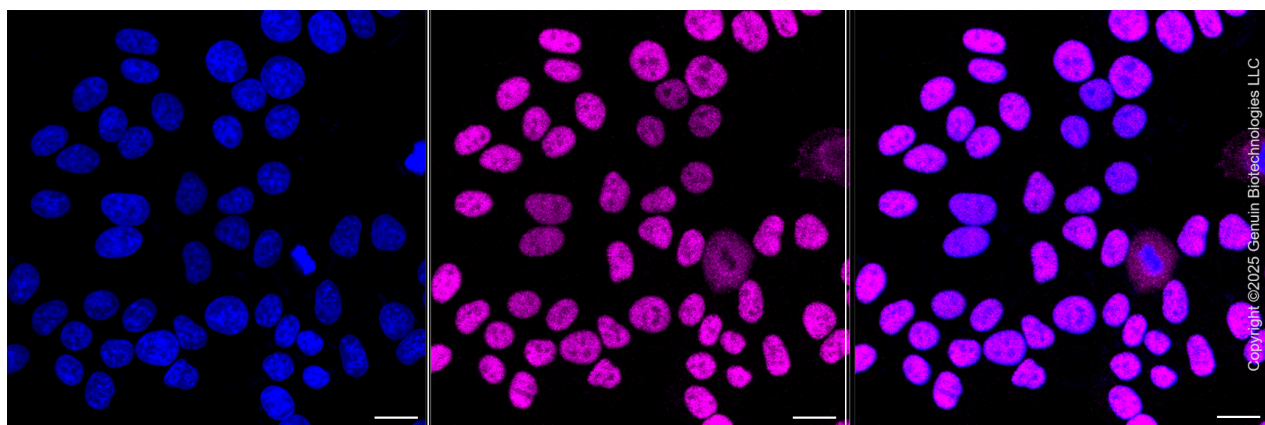
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Validation Data



Western blotting analysis using anti-pseudouridine synthase 7 antibody (Cat#5030). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-pseudouridine synthase 7 antibody (Cat#5030, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunocytochemical staining of HepG2 cells with anti-Pseudouridine synthase 7 antibody

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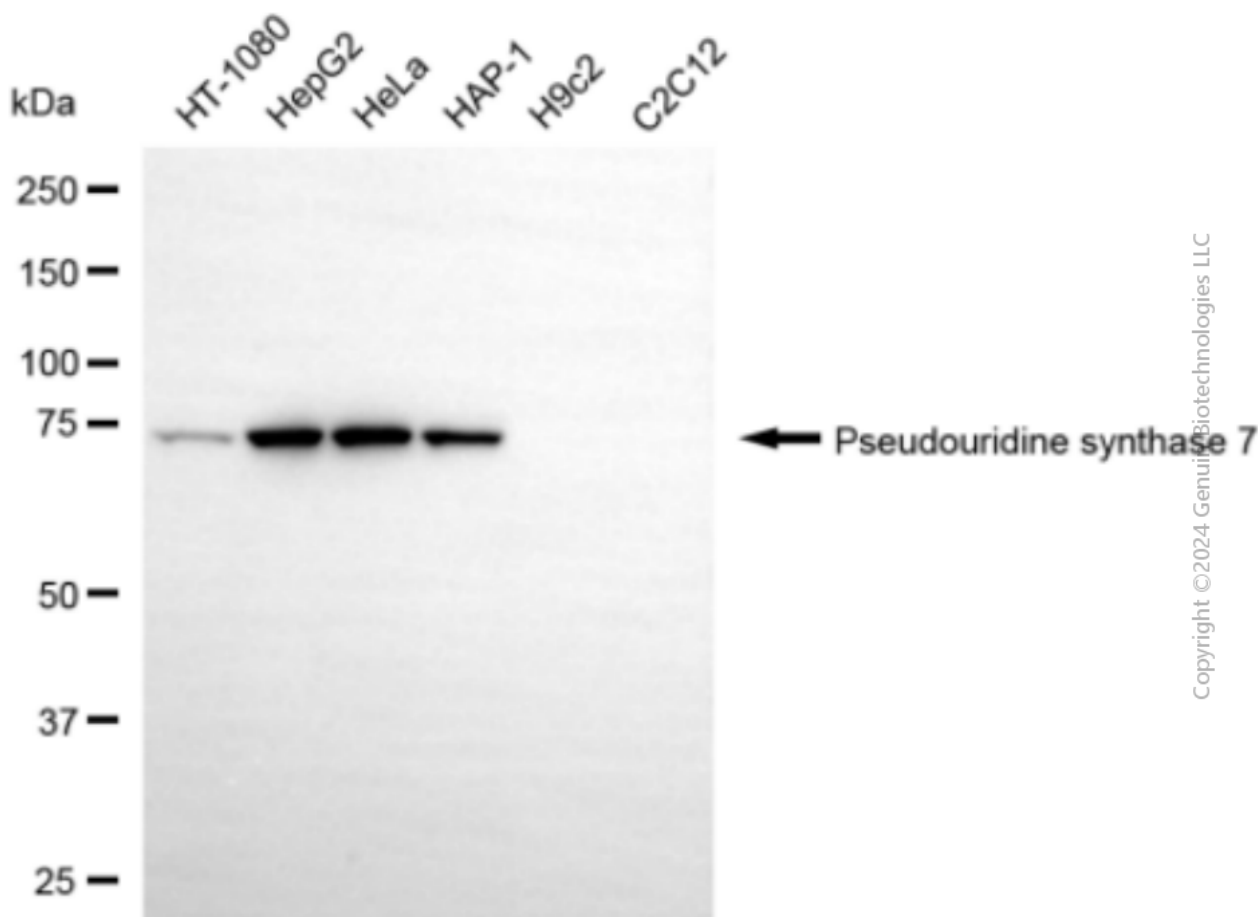
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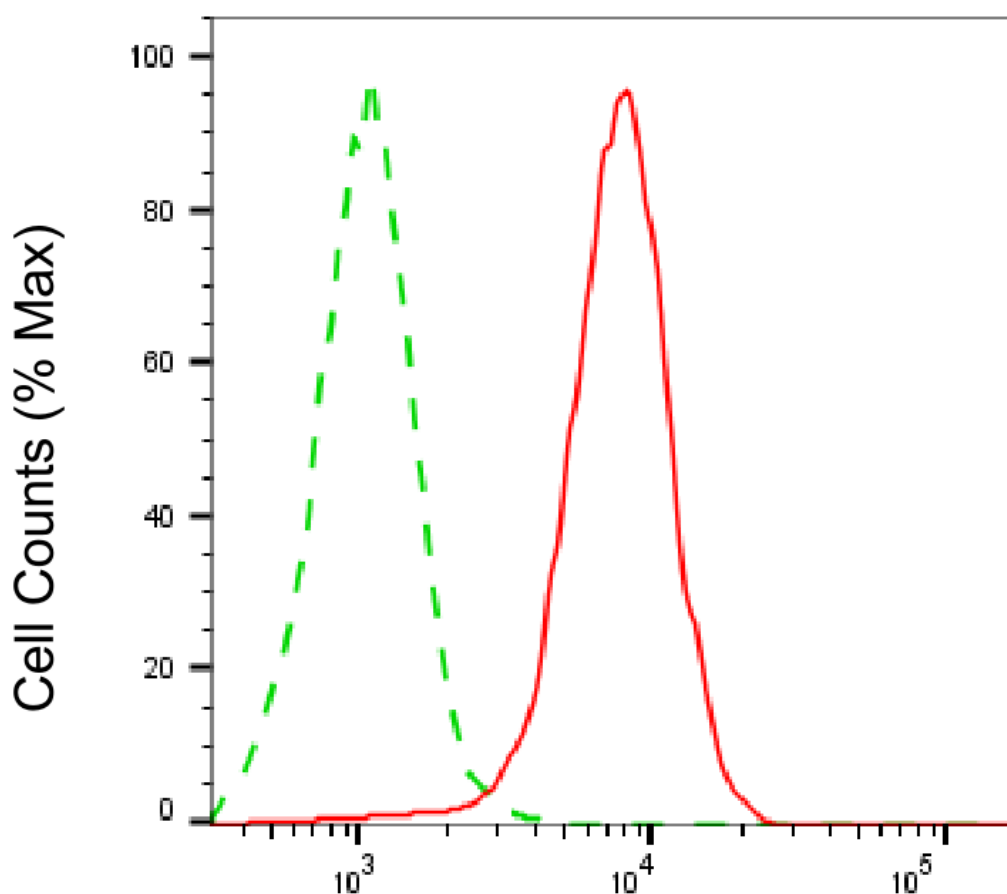
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(Cat#5030, 1:1,000) . Nuclei were stained blue with DAPI; Pseudouridine synthase 7 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-pseudouridine synthase 7 antibody (Cat#5030). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-pseudouridine synthase 7 antibody (Cat#5030, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



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Pseudouridine synthase 7-Alexa Fluor® 647

Flow cytometric analysis of Pseudouridine synthase 7 expression in HepG2 cells using anti-Pseudouridine synthase 7 antibody (Cat#5030, 1:1,000). Green, isotype control; red, Pseudouridine synthase 7.

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